

METHOD FOR PROVIDING A THIN FILM HAVING A CHEMICAL
COMPOSITION THAT IS SPATIALLY STRUCTURED ON A
MICROMETRIC OR NANOMETRIC SCALE ON A SUBSTRATE

ABSTRACT OF THE DISCLOSURE

5 A method for providing a thin film (2) that is spatially structured on a submicrometric or nanometric scale, formed by a material (3), on a substrate (1), so as to obtain a product (9); the method comprises the steps of:

- dispersing the material (3) in the substrate (1) in order to obtain a mixture (10);
- 10 – modeling the mixture (10) to form on a surface (10a) of the mixture (10) protrusions (7) and recesses (6);
- conditioning the mixture (10) by smoothing any surface roughness thereof; by doing so, the material (3) emerges on the surface only at the protrusions (7) of the mixture (10).

15 (Figures 3b-3c-3d)